



# PROFESSIONAL PROFILE



## Mark Hutson, PG

### Technical Director

#### EXPERIENCE SUMMARY

Twenty years of experience in environmental consulting: Technical Director, Roux, NYC; Senior Project Manager, GZA GeoEnvironmental, Inc., NYC; Principal, Fleming Lee Shue, Inc. NYC; Senior Project Manager, Antea Group, Valhalla, NY; Associate Geologist, Holguin, Fahan and Associates, Tempe, AZ.

#### TECHNICAL SPECIALTIES

Development, implementation and management of remedial investigations, site conceptual models, environmental due diligence projects (Phase I and Phase II ESAs), remedial design and soil and ground water remediation. Manage all aspects of projects within the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and Voluntary Cleanup Program (VCP), the New York City Office of Environmental Remediation (NYC OER), and the New York City Department of Environmental Protection (NYCDEP).

#### REPRESENTATIVE PROJECTS

- **NYSDEC Brownfield Cleanup Program, Inwood, New York.** Principal-in-Charge of the remediation of a 3.6-acre former industrial facility. The main contaminants of concern at the Site included Tetrachloroethene (PCE) and petroleum compounds. Oversaw the implementation of the remedial action work plan (RAWP) including excavation and disposal of over 2,500 tons of impacted soil, removal of three underground storage tanks and 10 contaminated drywells, groundwater treatment through chemical reducing agents, installation of a Site Cover system and the development of a Site Management Plan for long term management of residual contamination. Prepared the Final Engineering Report (FER) and the Site received its COC in January 2023.
- **NYSDEC Brownfield Cleanup Program, Queens, New York.** Principal-in-Charge of a NYSDEC BCP Site with high levels of chlorinated solvents and dense non-aqueous phase liquids (DNAPL) under an active commercial-use building. Responsibilities included direct oversight of all field activities, implementation and execution of the RAWP, direct interface with client, environmental counsel and third-party stakeholders. Remediation included implementation of an electrical resistance heating (ERH) system and application of enhanced biological remediation. Responsible for the preparation of all final reports including the site management plan (SMP) and FER. Remediation is ongoing and COC is expected in 2026.
- **NYSDEC Brownfield Cleanup Program, Former Auto Repair, Rego Park, New York.** Senior project manager for a NYSDEC BCP Site with elevated levels of metals, and petroleum related compounds as a result of historical Site use. Oversaw the implementation of the NYSDEC Remedial Action Work Plan (RAWP) including the removal of over 9,000 tons of impacted soil, removal of 10 underground storage tanks, endpoint sampling and installation of a Site Cover System. Prepared the Final Engineering Report (FER) and the Site received its Certificate of Completion (COC) in December 2025.
- **NYSDEC Brownfield Cleanup Program, Former Chemical Factory, Queens, New York.** Senior project manager for three separate NYSDEC Brownfield Cleanup Program sites associated with the redevelopment of a 3-acre parcel. Responsibilities included direct oversight and management of day-to-day field activities, implementation and execution of the remedial program, coordination with construction managers, remedial contractors and several local and state agencies including NYSDEC, NYCOER, New York State Department of Health (NYSDOH), and New York City Transit Authority (NYCTA).

#### CONTACT INFORMATION

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#### EDUCATION

BS, Geological Sciences & Environmental Resources,  
Arizona State University

#### PROFESSIONAL LICENSES

NYS Professional Geologist  
Geologist License #01190-1

Remediation included the removal of over 115,000 tons of impacted soil, in situ soil stabilization, NAPL recovery, and collection of over 400 soil samples. Authority included directing all field efforts and acted as the primary contact for the project. Additional responsibilities included the coordination and preparation of all final reports including SMPs and FERs. COCs were received for all three sites in August and September of 2016.

- **NYSDEC Brownfield Cleanup Program, Former Chemical Factory, Brooklyn, New York.** Senior project manager overseeing the remedial investigation of a heavily contaminated former chemical manufacturer. The site has hazardous levels of contamination, primarily from the chlorinated volatile organic compounds PCE and trichloroethylene. Prepared the Remedial Investigation Report and assisted in the implementation of the RAWP including the design of remedial elements. Remediation is ongoing.
- **NYSDEC State Superfund Site, Maspeth, New York.** Senior project manager and primary point of contact for an inactive hazardous waste site regulated by the NYSDEC State Superfund Program. Assisted in the design and oversaw the implementation of remedial measures including the installation and operation of a soil vapor extraction system to treat chlorinated solvent contamination in the vadose zone. Remediation is ongoing.
- **New York City Office of Environmental Remediation (NYC OER) E-Designation Site, Astoria, New York.** Senior project manager for NYC OER E-Designation Site for Hazardous Materials. Managed all aspects of environmental project from due diligence investigation services, Phase I ESA, and Phase II Environmental Site Investigation services to assisting client through NYC OER Voluntary Cleanup Program (VCP). Submitted and received approval for remedial investigation work plan, remedial investigation report, and RAWP. Managed waste characterization study to evaluate various soil types for disposal. Project received Notice of Satisfaction (NOS) in 2024 for a Track 2 Cleanup removing the requirement for engineering and institutional controls.
- **NYSDEC Spills Program, Redevelopment Site, Long Island City, New York.** Project manager overseeing the preparation of a Phase I ESA which led to a Phase II investigation and recording of a NYSDEC Spill at a former taxicab depot and garage. Developed the Phase II work plan to delineate the nature and extent of contamination. Prepared the RAWP to treat onsite contamination of petroleum hydrocarbons and metals contamination in both soil and groundwater. Developed and assisted with the design of engineering controls to protect the public and the environment from contact with residual contamination.
- **NON-MGP Remediation Contract, Major Utility Client, Metropolitan NYC Area.** Project manager and direct point of contact for an on-call engineering and environmental services contract for a major utility client. Projects include implementation of NYSDEC RAWPs, remedial investigations, remedial design and implementation, product recovery, remedial system operation and maintenance, construction oversight and various permitting with MTA, New York City Department of Transportation (NYCDOT), and New York City Transit Authority (NYCTA).
- **NYCOER E-Designation Sites, New York, New York (Multiple Sites).** Project manager for multiple sites regulated under the NYC OER E-Designation Program in various lifecycle stages from initial investigation to Site Management. Managed and oversaw various scopes of work including Phase I/Phase II ESAs, RAWP preparation and implementation, report preparation, and ongoing site management of engineering and institutional controls.
- **Phase I Environmental Site Assessments (Multiple Sites).** Oversaw the preparation of numerous ASTM compliant Phase I ESAs including due diligence evaluations for private developers on sites ranging in size from residential properties to large warehouses and former manufacturing facilities.
- **Phase II Environmental Site Assessments/Remedial Investigations (Multiple Sites).** Performed and managed numerous ASTM compliant Phase II Environmental Site Assessments and Remedial Investigations for due diligence purposes and under various regulatory programs including NYSDEC BCP, NYSDEC Voluntary Cleanup Program, NYSDEC Spills, NYC OER E-Designation Program, and others. The investigations included the sampling, analysis, and reporting of soil, groundwater, and soil vapor to assess potential contamination and develop conceptual site models prior to remediation.
- **Inwood Rezoning, Manhattan, New York.** Assessed presence of hazardous materials in soil and groundwater at projected and potential development sites identified in the Inwood Rezoning proposal over a 27-block area of Inwood neighborhoods in the Manhattan Borough of New York City. Composed the hazardous materials chapter of the Environmental Impact Statement and coordinated with NYC Economic Development Corporation to address revisions and comments.
- **Port Richmond Brownfield Opportunity Area Study, Staten Island, New York.** Developed an inventory of and analysis of known and potential Brownfield Sites within the project boundaries. Prepared an environmental assessment including a review of past site use and potential for environmental impact for six strategic sites proposed for potential redevelopment.

Assisted in the preparation of the Nomination Document pursuant to NYS Department of State (NYS DOS) guidelines and coordinated with NYSDOS to address revisions and comments.

- **Penn Station Access Project, New York City Metro Area.** Evaluated the potential of hazardous materials in soil and/or groundwater throughout the proposed construction corridor for the Penn Station Access Project (approximately 15 miles) through a comprehensive review of historical property information as well as conducting site reconnaissance for properties of concern. Oversaw the preparation of the Hazardous Materials chapter included in the final Environmental Assessment Statement prepared for the Metropolitan Transit Authority.
- **Former Retail Petroleum Facility Redevelopment, Brooklyn, New York.** Served as project manager for the remediation and redevelopment of a former retail petroleum facility with an open NYSDEC Spill case. Remediation of the underlying soil and groundwater occurred simultaneously with the construction of a 12-story multi-use building. Remediation included the excavation of contaminated soil to 15 feet bgs followed by in situ chemical oxidation of residual soil and ground water impacts. Project required interface with and coordination of numerous stakeholders and regulatory agencies including the NYSDEC, NYC OER, NYCDEP, NYCTA, and New York City Department of Buildings (NYCDOB).
- **Soil Vapor Intrusion Investigation, Brooklyn, New York.** Served as project manager for a large soil vapor intrusion investigation of a former retail petroleum facility now a Petco retail store. Responsible for the development and execution of a sampling plan in compliance with NYSDOH/EPA guidelines which included the installation of numerous sub slab soil vapor sampling points and indoor/outdoor sampling of ambient air conditions in compliance with NYS Department of Health guidance to determine potential exposure scenarios.
- **Retail Petroleum/Bulk Storage Facilities Portfolio, New York (Multiple Sites).** Served as project manager for numerous active and former retail petroleum facilities in varying lifecycle stages including site characterization, remedial design and implementation, and closure for a major petroleum client. Responsibilities included site characterization, scope development, remedial design and implementation, data management and interpretation, underground storage tank/aboveground storage tank (UST/AST) removal, budget forecasting and management, regulatory compliance and reporting, and management of project teams and subcontractors.
- **Insurance Claim Investigation and Support, New York/New Jersey.** Served as the regional lead and project manager for an

international insurance company acting as environmental expert to assist the insurer in claim determinations. Responsibilities included claim investigation and technical support on projects associated with petroleum and industrial chemical releases, remediation, and UST removals in New York and New Jersey. Responsible for developing cost to incident closure estimates, determining what is reasonable and necessary regarding an insured's response to a claim, preparation of claim recommendations and reports, including reviewing insured's invoices and invoice tracking.

- **Commingled Plume Investigation/Remediation, Blythe, California.** Acted as field geologist/environmental scientist for a public municipality client responsible for a commingled gasoline/diesel plume emanating from multiple sources. Responsibilities included plume characterization, site investigation, remedial design, implementation and operation, permitting, data collection and analysis, and waste management. Oversaw the installation of five multi-phase extraction (MPE) systems and was responsible for the operation, maintenance, and optimization of the MPE systems operating simultaneously.
- **Various Environmental Sites, Arizona, California, Nevada.** Served as lead environmental scientist/field geologist for numerous environmental remediation sites throughout Arizona, Southern California and Nevada. Responsibilities included site characterization, sub-surface investigations, sampling of environmental media, data analysis and interpretation report preparation, and oversight of remedial contractors.

#### PROFESSIONAL TRAININGS

- OSHA 8 Hour Supervisor – HAZWOPER, 2015
- OSHA 40 Hour HAZWOPER, 2006
- OSHA 8-Hour Refresher, 2025
- OSHA 10 Hour Construction, 2015
- API WorkSafe, 2013
- Loss Prevention System Training Certification, 2007
- LIRR Roadway Worker Protection Training, 2019
- DOT Hazardous Waste Manifest Training, 2019

#### PROFESSIONAL AFFILIATIONS

- New York State Council of Professional Geologists – Member
- Long Island Association of Professional Geologists – Member
- New York City Brownfield Partnership – Member